



Solar 101

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What is Solar PV???

- PV stands for Photovoltaics
- PV is nothing new
- What's new is the decreased cost per watt!



How Do You Use Solar PV?

- **Distributed Generation**
- **Solar Fields**
- **Combine with Storage and Wind/Geothermal/other Renewable Sources**

What Are The Components in Solar PV?

- Cell

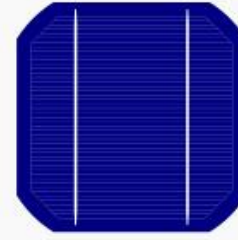
- Module

- Array

- Grid-tie Inverter

Note: Battery systems are a separate system and not required to install solar!

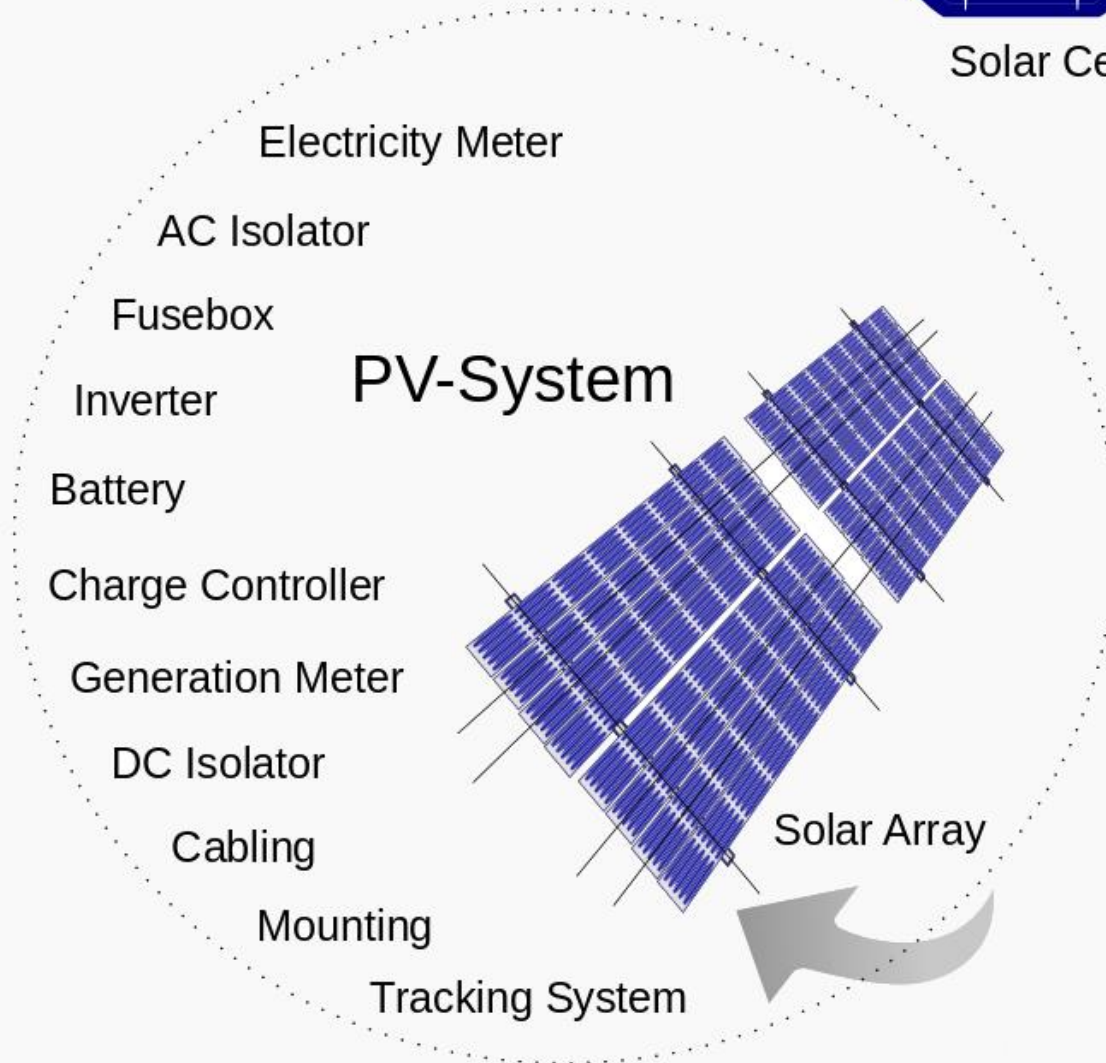
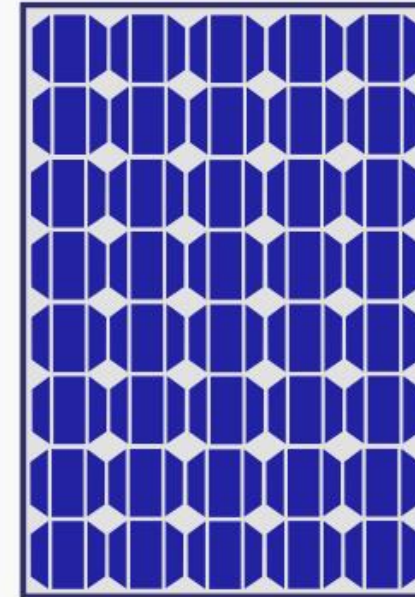
From a solar cell to a PV System



Solar Cell

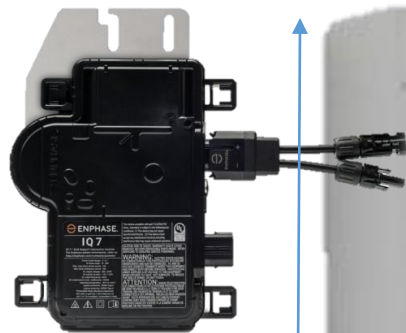


Solar Module



PV-System

Solar Array



40"



Solar Inverters

Economics Of Solar PV – Does it Pay?



- **Grid Parity**

- **Module Price Reduction**

- **Installed Cost**

- **Great ROI**

- **CCCC 200kW SunPower project**

- **Cloud's Clean Energy**









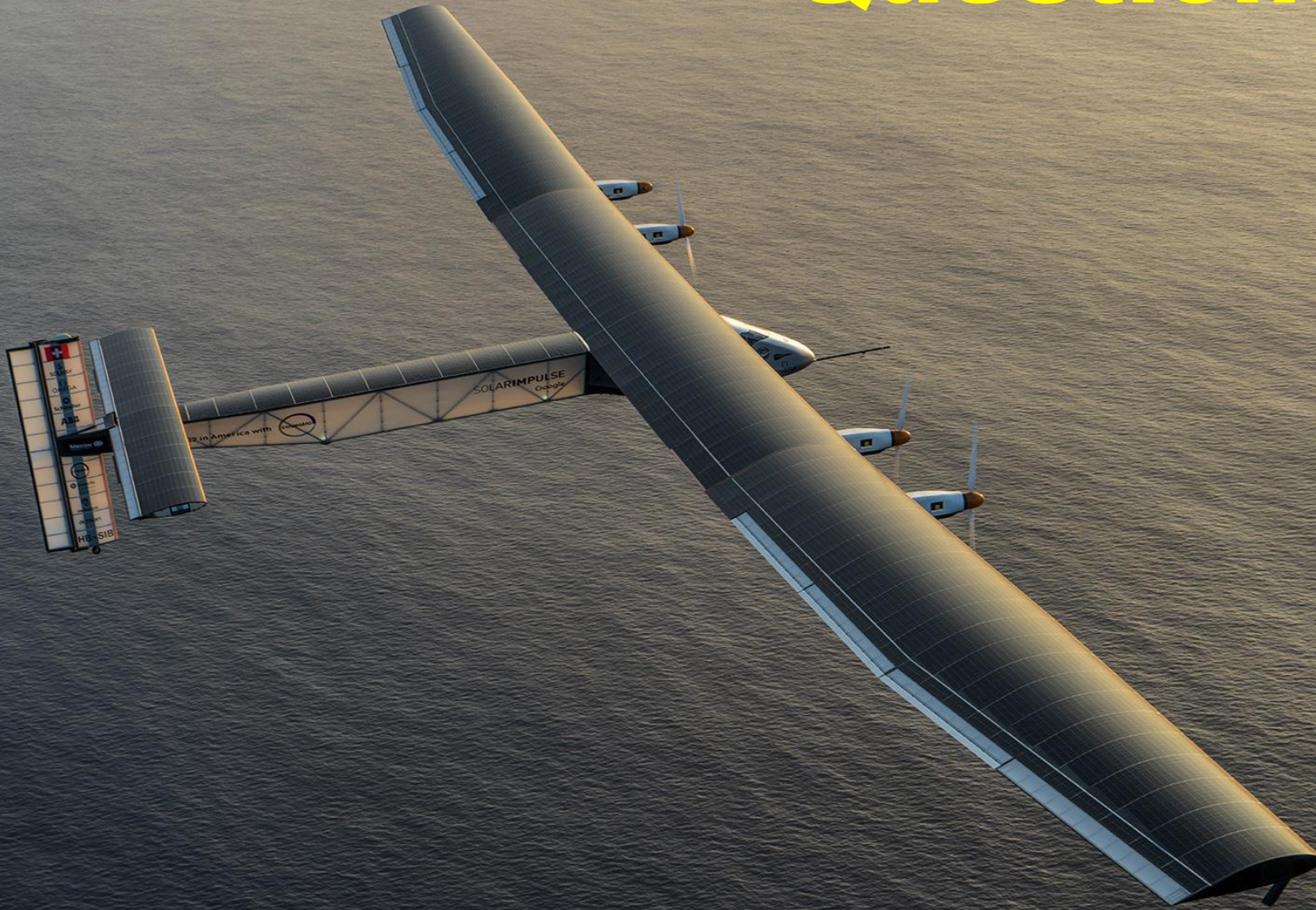




Great Views



Questions?





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